

WHAT IS CLAIMED IS:

1. A method for monitoring a communication system that includes a platform configured to perform a plurality of performance enhancing functions, the method comprising:

receiving information relating to configuration parameters as specified in a profile of the platform;

selectively modifying the profile in response to the received information; and  
forwarding the modified profile to the platform.

2. The method according to claim 1, wherein the modified profile is forwarded as a single file.

3. The method according to claim 1, wherein the communication system is partitioned into a plurality of network management domains to control access network management information.

4. The method according to claim 1, further comprising:  
maintaining a default profile for the platform.

5. The method according to claim 1, wherein the profile in the receiving step includes at least one of a TCP spoofing kernel parameter, a backbone protocol kernel parameter, a prioritization kernel parameter, and a path selection parameter.

6. The method according to claim 1, further comprising:  
selectively storing the information at least within the platform and within a database that is separate from the platform.

7. A communication system comprising:  
a platform configured to provide performance enhancing functions, the platform having a profile that specifies configuration parameters; and  
a network management system communicating with the platform, the network management system being configured to receive information relating to the configuration parameters as specified in the profile, wherein the network management system is configured to selectively modify the profile in response to the received information and to forward the modified profile to the platform.

8. The system according to claim 7, wherein the modified profile is received as a single file by the network management system.

9. The system according to claim 7, wherein the communication system is partitioned into a plurality of network management domains to control access network management information.

10. The system according to claim 7, wherein the network management system maintains a default profile of the platform.

11. The system according to claim 7, wherein the profile includes at least one of a TCP spoofing kernel parameter, a backbone protocol kernel parameter, a prioritization kernel parameter, and a path selection parameter.

12. The system according to claim 7, wherein the platform includes a local disk configured to storing the information from the management agent.

13. The system according to claim 7, wherein the network management system includes a database configured to storing the information from the management agent.

14. A network apparatus for monitoring a communication system that includes a platform configured to perform a plurality of performance enhancing functions, the apparatus comprising:

means for receiving information relating to configuration parameters as specified in a profile of the platform;

means for selectively modifying the profile in response to the received information;  
and

means for forwarding the modified profile to the platform.

15. The system according to claim 14, wherein the modified profile is forwarded as a single file.

16. The system according to claim 14, wherein the communication system is partitioned into a plurality of network management domains to control access network management information.

17. The system according to claim 14, further comprising:

means for maintaining a default profile for the platform.

18. The system according to claim 14, wherein the profile includes at least one of a TCP spoofing kernel parameter, a backbone protocol kernel parameter, a prioritization kernel parameter, and a path selection parameter.

19. The system according to claim 14, further comprising:

means for selectively storing the information at least within the platform and within a database that is separate from the platform.

20. A computer-readable medium carrying one or more sequences of one or more instructions for monitoring a communication system that includes a platform configured to perform a plurality of performance enhancing functions, the one or more sequences of one or more instructions including instructions which, when executed by one or more processors, cause the one or more processors to perform the steps of:

receiving information relating to configuration parameters as specified in a profile of the platform;

selectively modifying the profile in response to the received information; and

forwarding the modified profile to the platform.

21. The computer-readable medium according to claim 20, wherein the modified profile is forwarded as a single file.

22. The computer-readable medium according to claim 20, wherein the communication system is partitioned into a plurality of network management domains to control access network management information.

23. The computer-readable medium according to claim 20, wherein the one or more processors further perform the step of:

maintaining a default profile for the platform.

24. The computer-readable medium according to claim 20, wherein the profile in the receiving step includes at least one of a TCP spoofing kernel parameter, a backbone protocol kernel parameter, a prioritization kernel parameter, and a path selection parameter.

25. The computer-readable medium according to claim 20, wherein the one or more processors further perform the step of:

selectively storing the information at least within the platform and within a database that is separate from the platform.